idroid:con

Manual

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IMPORTANT SAFETY INSTRUCTIONS

- Before using your snakebyte idroid:con please read this manual thoroughly. If you comply with all instructions and tips, using the idroid:con is easy and comfortable. Please retain this manual for future reference.
- If you don't want to lose your warranty, please refrain from disassembling the idroid:con – there are no user serviceable parts inside anyway. Inappropriate handling does invalidate the warranty and leads to malfunctions of the device.
- Keep your idroid:con away from liquids and liquid containers such as vases, bottles, hot baths, jacuzzi tubs, etc. Any damage occurring from liquids invalidates the warranty.

INTRODUCTION

Thank you very much!

Congratulations for purchasing the snakebyte idroid:con. We really appreciate your trust in our fine products. This product was thoroughly produced under constant quality inspection and according to international quality and safety standards. Have fun with it. If you follow this manual, set up, operation, and basic maintenance of the idroid:con is easy.
In case you encounter any problems exceeding this manual please contact your dealer or our friendly customer support under **support@snakebyte-europe.com.**

SPECIFICATIONS

- Game controller featuring *Bluetooth*® wireless technology for smartphones and tablets running Android version 3.2 and up, like the Samsung Galaxy S3, Galaxy Tab 10.1, Motorola XOOM or Asus Transformer Prime (iOS devices are only supported in iCade mode)
- Five operating modes for maximum game compatibility
- Two analog thumbsticks, analog triggers plus a digital D-pad and buttons

- Integrated lithium-ion battery, chargeable via USB (two-meter charging cable included)
- Programmable turbo mode for all buttons (only available in Game Controller Mode)

Technical data is subject to change without notice.

INSTALLATION

Scope of delivery

In the snakebyte idroid:con package you will find:

1x idroid:con controller
1x USB charging cable
1x quick-start user guide

If any part is missing or obviously broken please contact your dealer immediately.

idroid:con Controller Modes

The idroid:con offers five fundamentally different operating modes as well as a variation of the game controller mode. You'll find a detailed overview of the functions of all the buttons in each mode in the supplement to this guide.

- **Game Controller Mode (1)**
  HID (Human Interface Device) gamepad with 12 digital action buttons, two analog sticks and a digital D-pad. In this mode, the triggers are digital. Sony PlayStation-style functionality.
  Game Controller Mode supports programmable turbo mode for buttons. For more information, see the "Using turbo mode" section below.
  Pressing the on/off button once will swap the functions of the D-pad and the left analog stick.

- **Game Controller Mode (2)**
  HID gamepad with 10 digital action buttons, two analog thumbsticks, two analog triggers and a digital D-pad. In this mode, the trigger buttons are analog. Xbox 360-style functionality.
  Game Controller Mode supports programmable turbo mode for buttons. For more information, see the "Using turbo mode" section below.
  Pressing the on/off button once will swap the functions of the D-pad and the left analog stick.

- **Keyboard Mode**
  Emulating an HID keyboard allows you to map game functions to specific buttons on the idroid:con (also known as "button mapping"). This mode can be helpful for games that lack native support for the idroid:con. In this mode, the D-pad and left analog stick offer the same functionality. The left thumbstick is purely digital in this mode.

- **Mouse Mode**
  Emulating a standard mouse allows you to operate touch-screen-controlled Android applications and games that do not require multitouch. Move the mouse cursor with the right analog stick. The two shoulder buttons represent the left and right mouse buttons, respectively.

- **Keyboard and Mouse Mode**
  This mode combines the features of the keyboard and mouse modes.

- **iCade Mode (for Apple iOS)**
  iCade is an established, standardized keyboard emulation interface supported by many iOS games. Like idroid:con's Keyboard Mode, iCade Mode only supports digital input. You'll find a list of supported games online (http://www.ionaudio.com/products/icade-games). Android ports of iOS applications and games (including diverse MAME emulators) may also include iCade support.

Pairing your idroid:con with your Android tablet or smartphone

The idroid:con action buttons are marked with additional symbols representing the various operating modes. Press and hold the button corresponding to the mode you wish to configure plus the on/off button for approx. three seconds, until the corresponding LED on the top of the controller, next to the left shoulder button, begins to blink rapidly.

Now activate *Bluetooth* on your tablet or smartphone and search for available *Bluetooth* devices. Select "idroid:con" to pair your device with your controller. In rare cases, your tablet/smartphone my display the network address of your controller rather than its name. If that happens, don't worry—it has absolutely no effect on the controller's performance. The displayed name should eventually switch to "idroid:con" on its own.

Take note of the stylized symbol next to "idroid:con"—it indicates the current operating mode (joystick symbol = Game Controller Mode, etc.).

As soon as the LED on the controller stops blinking and stays lit, the connection has been established. The idroid:con supports "secure simple pairing" (SSP), meaning that it is not necessary to enter an authorization code as it is when using other Bluetooth devices.

WARNING:

If you pair your idroid:con with a tablet, smartphone or PC, you can turn your controller off and on again without having to go through the pairing process again, as long as you haven't used the controller with another device in the meantime. The controller will return to the last operating mode when it starts back up. If you pair the idroid:con with another device in the meantime, though, you will have to go through the pairing process again. Changing the operating mode also requires that you go through the pairing process again. Disconnect your idroid:con via the Bluetooth *menu on your device and then reconnect it in the desired mode. This means that it is not possible to change the operating mode of your controller while it is paired with a device. Changing the operating mode always requires that you pair it while it is in the new, desired mode.*
When the controller is pairing with an already known device, the LEDs will flash slowly. If it does not find the device it was paired with, it will automatically turn off. The controller will only pair to a new device when the LEDs are flashing rapidly.

Overview of operating modes and LEDs

Modus	Tastenkombinationen	LED	System
Game Controller 1	On/Off + X	1	Android / PC
Game Controller 2	On/Off + X + Y	1 + 2	Android / PC
Mouse	On/Off + B	2	Android / PC
Keyboard	On/Off + A	3	Android / PC
iCade	On/Off + Y	1 + 3	iOS
Keyboard + Mouse	On/Off + A + B	2 + 3	Android / PC

OPERATING INSTRUCTIONS

Using turbo mode

You can program turbo mode for each button on the controller. If turbo mode is enabled for a button, pressing and holding the button will simulate many button-presses per second. This function is especially useful for action games that don't offer an auto-fire option.

Activating and deactivating turbo mode

To activate turbo mode:

- Press and hold the button for which you want to enable turbo mode (e.g., the "X" button).
- Press the "TURBO" button.
- If turbo mode has been successfully enabled, the LEDs on the front of the controller will blink when you press programmed action button.

To deactivate turbo mode:

- Press and hold the action button for which you previously programmed turbo mode.
- Press the "TURBO" button.
- If turbo mode has been successfully disabled, the LEDs on the front will no longer light up when you press the action button.

Charging your idroid:con controller

When the idroid:con battery is low, the LED for the current mode will blink slowly. Connect the controller to a standard, active USB port (PC, charger for your tablet or smartphone, etc.) using the cable included in the package. While the controller is charging, LED 4 will be illuminated. Once the battery is fully charged, LED 4 will shut off.

The idroid:con will turn itself off as soon as the battery charge is too low for normal use. This automatic shut-off is not to be confused with "sleep" mode. When the controller is not paired with a device, it shuts off automatically if it is inactive for three minutes. If the controller is paired with a device, it will shut off after ten minutes of inactivity in order to conserve power.

TROUBLESHOOTING

If you encounter any problems using the snakebyte idroid:con controller, please read this section carefully before contacting our customer support or your retailer.

1. My idroid:con doesn't work with [game].

- By definition, Android is an open platform. Developers are not tied down by standards but are free to determine how their games will be controlled, similar to the PC market. For this reason, not all games support external controllers and even those that do may not use the idroid:con standard, which may cause some but not all of the idroid:con features to work.

- Many games that support external controllers require "button mapping", which means that you have to tell the game what each action button on the idroid:con should do in the game. Check the settings and/or options menu of your game to see if this is the case.

- You'll find a list of compatible games on the idroid:con product site on www.snakebyte-europe.com. Please check the game's description and requirements for information about support for external controllers.

- Sunflex Europe is cooperating with game developers to implement support for the idroid:con controller in current and future games.

2. My idroid:con is not recognized and does not work, even though it is active and paired.

- Is it possible that you tried to change the operating mode of your idroid:con without unpairing and re-pairing it with your tablet/smartphone? As described in the "Pairing the idroid:con with your

Andoid tablet or smartphone" section, it is only possible to change the mode if you unpair the controller and then pair it again with the new mode selected. This is a limitation of the *Bluetooth* technology and not something that we can avoid.

3. My idroid:con behaves strangely and/or incorrectly.

- Verify that you haven't accidentally programmed one or more turbo buttons. See the "Using turbo mode" section for information about activating and deactivating turbo mode.
- If you are using Game Controller Mode, verify that you haven't accidentally swapped the functionality of the left thumbstick and the D-pad. If the front LED is constantly illuminated, this is the case. Press the on/off button again and the LED should turn off.
- Verify that you have mapped all the game controls to the desired buttons on the idroid:con.
- Verify that the controller is within range of your tablet/smartphone. The maximum range of the idroid:con is 10 meters; external factors may reduce it. Try to get closer to your device.
- Are you using your idroid:con in an area with a lot of 2.4 GHz transmissions (other *Bluetooth* devices, Wi-Fi routers, etc.)? Reduce the distance between your device and your controller or (briefly) turn off the other devices to verify that they are not the source(s) of the errors.
- Verify that your tablet/smartphone/laptop supports *Bluetooth* 3.0. Too little bandwidth and too much latency can have negative effects on your idroid:con—simultaneous button-presses may not work or there may be a noticeable delay before the game reacts to your input.

4. The device fails to show the on-screen keyboard while the idroid:con is paired

- The idroid:con, in some modes (iCade, Keyboard, etc.) will be mistaken for an external keyboard by the operating system. This will sometimes impair the system from displaying a keyboard for input. Users rarely require both an on-screen keyboard and a game controller while playing games.
- Simply hold down the power button to turn off the idroid:con, and your on-screen keyboard will again become available. When you turn the idroid:con back on, it will automatically re-pair.

5. The iCade mode does not work correctly.

- Verify that your iOS device uses the English U.S./QWERTY Hardware Keyboard Layout.

CONTACT AND SUPPORT

If you still encounter problems that can not be solved by reading the section „troubleshooting", please contact us:

Sunflex Europe GmbH
Konrad-Zuse-Str. 13
58239 Schwerte
Germany

support@snakebyte-europe.com

or through our constantly supervised forum:

http://www.snakebyte-europe.com/forum

You can also find updated answers in our FAQ:

http://www.snakebyte-europe.com/faq

TERMS OF GUARANTEE

We issue a guarantee of two years after purchase of the snakebyte idroid:con. Therefore, please preserve your invoice, e.g. together with this manual.

In order not to invalidate the warranty and to protect your health never try to repair and/or disassemble the device. There are no user serviceable parts inside anyway. On top, the danger of electric shock or even fire is reduced considerably.

The guarantee is limited to defective parts or faulty assembly of the product exclusively, i.e. it only covers manufacturing defects.
Amongst others the following defects can not be asserted:

- basically all defects resulting from violation of this manual
- defects resulting from improper use or cleaning
- mechanical and optical flaws (e.g. scratches, broken casing caused by brute force or carelessness)
- defects caused by force majeure
- any defects caused by components that are not themselves parts of or the product itself

DISPOSAL GUIDELINES

Please dispose of defective old appliances at a recycling facility, which is environmentally friendly and corresponds to the EU guideline 2002/96/EG of the European parliament, and not the normal household garbage.

Furthermore we are, as a manufacturer and according to the German Battery Ordinance, obligated to allude you to the following:

You are legally obligated to not dispose of batteries with your household garbage. Return drained batteries to a local recycling facility, at a local retailer, or directly to Sunflex Europe.
Batteries containing heavy metals or other potentially harmful substances are labeled with a recycling symbol and the heavy metals' chemical names or abbreviations thereof (Cd, Hg or Pb).
Preserve and protect the environment, do not throw away drained batteries.

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BUTTON	GAME CONTROLLER (4 axes, 12 buttons)	GAME CONTROLLER (5 axes, 10 buttons)	KEYBOARD	MOUSE	KEYBOARD + MOUSE	iCADE
Left Trigger2	BUTTON_7	Z axis	KEYCODE_X	-	KEYCODE_X	L/V
Right Trigger2	BUTTON_8	Z axis	KEYCODE_Z	-	KEYCODE_Z	O/G
Left Trigger1	BUTTON_5	BUTTON_5	KEYCODE_Q	MOUSE_ LEFT_KEY	MOUSE_LEFT_KEY	I/M
Right Trigger1	BUTTON_6	BUTTON_6	KEYCODE_P	MOUSE_ RIGHT_KEY	MOUSE_RIGHT_KEY	K/P
D-Pad Left	KEYCODE_DPAD_ LEFT	KEYCODE_DPAD_ LEFT	KEYCODE_LEFT_ ARROW	-	KEYCODE_LEFT_ARROW	A/Q
D-Pad Right	KEYCODE_DPAD_ RIGHT	KEYCODE_DPAD_ RIGHT	KEYCODE_RIGHT_ ARROW	-	KEYCODE_RIGHT_ARROW	D/C
D-Pad Up	KEYCODE_DPAD_UP	KEYCODE_DPAD_UP	KEYCODE_UP_ ARROW	-	KEYCODE_UP_ARROW	W/E
D-Pad Down	KEYCODE_DPAD_ DOWN	KEYCODE_DPAD_ DOWN	KEYCODE_ DOWN_ARROW	-	KEYCODE_DOWN_ARROW	X/Z
Left Analog Left	X axis	X axis	KEYCODE_LEFT_ ARROW	-	KEYCODE_LEFT_ARROW	A/Q
Left Analog Right	X axis	X axis	KEYCODE_RIGHT_ ARROW	-	KEYCODE_RIGHT_ARROW	D/C
Left Analog Up	Y axis	Y axis	KEYCODE_UP_ ARROW	-	KEYCODE_UP_ARROW	W/E

BUTTON	GAME CONTROLLER (4 axes, 12 buttons)	GAME CONTROLLER (5 axes, 10 buttons)	KEYBOARD	MOUSE	KEYBOARD + MOUSE	iCADE
Left Analog Down	Y axis	Y axis	KEYCODE_ DOWN_ARROW	-	KEYCODE_DOWN_ARROW	X/Z
Right Analog Left	Z axis	X rotor axis	-	Mouse Navigation	Mouse Navigation	-
Right Analog Right	Z axis	X rotor axis	-	Mouse Navigation	Mouse Navigation	-
Right Analog Up	Z rotor axis	Y rotor axis	-	Mouse Navigation	Mouse Navigation	-
Right Analog Down	Z rotor axis	Y rotor axis	-	Mouse Navigation	Mouse Navigation	-
A Button	BUTTON_2	BUTTON_1	KEYCODE_J	-	KEYCODE_J	U/F
B Button	BUTTON_3	BUTTON_2	KEYCODE_K	-	KEYCODE_K	H/R
X Button	BUTTON_1	BUTTON_3	KEYCODE_M	-	KEYCODE_M	J/N
Y Button	BUTTON_4	BUTTON_4	KEYCODE_I	-	KEYCODE_I	Y/T
Select	BUTTON_9	BUTTON_7	KEYCODE_R	-	KEYCODE_R	-
Start	BUTTON_10	BUTTON_8	KEYCODE_Y	-	KEYCODE_Y	-
BUTTON_L3	BUTTON_11	BUTTON_9	KEYCODE_O	-	KEYCODE_O	-
BUTTON_R3	BUTTON_12	BUTTON_10	KEYCODE_L	-	KEYCODE_L	-
Power Button	POWER ON/OFF	POWER ON/OFF	POWER ON/OFF	POWER ON/ OFF	POWER ON/OFF	POWER ON/OFF